Agency Occupational Health Update

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2007 Safety Directors & Occupational Health Managers Meeting
Cocoa Beach, Florida

February 27 – March 1, 2007

2006 Events Summary

- Participated in ongoing general programmatic and budget defense forums

- Prepared final rebuttal to and closed IOM Preventive Health Study recommendations

- 11-month DCAA audit of EHRS procurement contract

2006 Events Summary (cont'd)

- 8 Center Audits
  - HQ, KSC, SSC, MAF, GRC, ARC, DFRC, LaRC

- OCHMO designated as 1 of 9 members on HQ COOP pandemic planning team

- Active role in planning, roll-out and execution of interagency biennial HealthierFeds initiative

2006 Events Summary (cont'd)

- 38 discipline-specific ViTS
  - Health physics, industrial hygiene/environmental health, EAP, physical fitness, workers' comp, health promotion, OCHMO special topics

- OCHMO Annual OH Mtg in Charleston, SC

- Collected ROI data for future budget defense

2006 Events Summary (cont'd)

- Developed tactical plan for revision of NPR 1800 as per NPD and NPR 1400
  - Discipline revisions assigned

- Revised chapters or created new policy for codification within NODIS
  - Hearing conservation, international travel, food safety

2006 Events Summary (cont'd)

- Collaborated with Mayo Clinic for access to *Embody Health* web portal and HRA
  - Customization efforts far more labor-intensive than anticipated

- Updated Satern training modules
  - Revised content for bloodborne pathogens, laser safety, and hearing conservation

2006 Highlights

Mayo Clinic Collaboration

- Contracted for access to *Embody Health* website

- Individual HRA tool customized for NASA-specific interest

- Available to NASA civil servants, their families, all OH professionals, and contractors assisting in marketing roll-out

- Added Tufts University WLQ questionnaire linking productivity to health risks

2006 Highlights (cont'd)

Mayo Clinic Collaboration

- Offered incentive to first 1,000 employees taking HRA within first 90 days

- Qualification for award is contingent on employee "accepting" terms

- Negotiated HRA availability for length of contract

- Taped promotional video clip with Safety and Health OICs and Mayo Clinic executive

2006 Highlights (cont'd)

NPR 1800.1 Revision

- 3rd largest policy document in NODIS

- Revision due date is October 2007

- Permission initially granted to start chapter-by-chapter revisions based on document size

- Permission subsequently rescinded

2006 Highlights (cont'd)

NPR 1800.1 Revision

- Revision Team met at KSC in Nov. and Feb. , with interim team telecons held as needed

- Divided revision assignments between NASA and support contractor along discipline lines

- Authors start with existing policy

- Revision Team will convene as group every 6-8 weeks, until document is complete

2006 Highlights (cont'd)

NPR 1800.1 Revision

- Revised document will be significantly smaller, adhering to NPD and NPR 1400 requirements

- All flow charts to be removed

- Some current *all-text* sections will become Appendices tables

2006 Highlights (cont'd)

Strategic Management

Institutional Management

Programmatic Management

2006 Highlights (cont'd)

Strategic Management

- **Strategic Management and Governance Handbook**
- **NASA Strategic Plan**
- **NASA Organization**
- **Directives Management**
- **External Policies**

Institutional Management

- **Workforce**
- **Asset Management**
- **Finance**
- **Information Technology**
- **Strategic Communication**
- **Management Systems**

Programmatic Management

- **Program and Project Management**
- **Engineering Management**
- **Safety & Mission Assurance**

2006 Highlights (cont'd)

Strategic Management

- **Strategic Management and Governance Handbook**
- **NASA Strategic Plan**
- **NASA Organization**
- **Directives Management**
- **External Policies**

Institutional Management

- **Workforce**
  - Human Resources
  - *Health & Medical Programs*
  - Diversity and Equal Opportunity
- **Asset Management**
  - Real Property
  - Transportation: Space & Aero
  - National Assets
  - Facilities Engineering
- **Finance**
  - Budget & Financial Management
  - Audits & Investigations
- **Information Technology**
- **Strategic Communication**
  - Public Affairs
  - Education
- **Management Systems**
  - Legal
  - Security

Programmatic Management

- **Program and Project Management**
  - General
  - Procurement
  - Science & Research Directives
- **Engineering Management**
  - Program/Project Engineering Directives
- **Safety & Mission Assurance**

# 2006 Highlights (cont'd)

Pandemic Planning

- Final OCHMO ViTS series reviewed latest CDC guidelines

- NASA will follow CDC Strategy for Pandemic Influenza Implementation Planning

- NASA certified to Homeland Security that Agency making appropriate plans

2006 Highlights (cont'd)

Pandemic Planning

- NASA major plan elements

    - Employee protection

    - Maintenance of essential functions (COOP)

    - Support of the Federal response

    - Communication with stakeholders re: planning and response

Initiative		CURRENT STATUS (As of December 31, 2006)		PROGRESS First Quarter FY 2007	COMMENTS
FEDERAL HIT (TIER 2) **Agency Leads:** **Richard Williams & Jonathan Pettus** **Lead RMO Examiner:** **Joydip Kundu** **Lead IT/E-Gov Analyst:** **Jasmeet Seehra**	🟢 Green	**Health Data Standards** <u>X</u> Developed agency inventory of health information exchanges, and health IT standards being used for those exchanges, including list of agency systems facilitating the exchanges, as well as a list of applicable contracts with contract renewal cycle information. (10/2006) <u>X</u> Developed agency Standards Implementation Plan for implementation of standards accepted by HHS for existing health information exchanges. Plan includes timeline through FY09, associated resource identification, and identification of planned or potential health information exchanges. (12/2006) **Systems Development Standards** <u>X</u> Implemented for 25 percent of applicable components/processes (12/2006) <u>X</u> Implemented for 50 percent of applicable components/processes (12/2006)		🟢 Green	<u>Actions taken this quarter:</u> • Designated NASA point of contact (Catherine Angotti) for FHA Leadership Council. • Sent NASA representatives to ONCIT Federal Health IT Planning Meeting on Oct. 3. • Submitted NASA response to Federal Health IT Community Survey Questionnaire on Sep. 28. • On Oct. 10, submitted NASA's Federal Health Interoperability Survey <u>Planned actions for next quarter:</u> • Submit quarterly update to Federal Health Interoperability Survey by March 1, 2007.	**NASA is green in status and progress.** • The Office of the Chief Health and Medical Officer began planning to implement an electronic health record system (EHRS) within the agency for its 14 installations in July 2002. • Using the government Health IT standards, NASA hired a MPH epidemiologist to work full time on the EHRS. • After researching numerous vendors, in 2004 NASA selected the Indian Health Service's Resource and Patient Management System (RPMS). • An Interagency agreement (IAA) was signed in April 2005 between IHS and NASA. • As part of the IAA, NASA will develop an occupational health module that will be fully functional within the RPMS, and this software will be made available to other Federal agencies that need to track health exposure data. • NASA had a representative on the development of the Consolidated Health Informatics (CHI) standards. • Once operational, the EHRS will increase efficiency and patient safety, reduce errors, better direct limited health care resources for optimal use, and provide data for effectively measuring the efficacy of our services.

Plans for 2007

- Strategic Planning Retreat
  - Hope to schedule end of 2nd quarter or early 3rd quarter, 2007 in Cocoa Beach
  - Include OH support contractors

- Release revised Medsphere procurement for initiation of Electronic Health Record System
  - Funds had to be de-obligated and re-committed for 3rd time
  - Procurement estimates another 6-mos to complete contracting requirements
  - Verification testing required by the NASA Data Center

Plans for 2007 (cont'd)

- Maintain "Green" in Health IT Interoperability PMA
  - Submit quarterly report

- EHRS project lead for OH support contractor assigned to HQ to work with OCIO on 3-month detail

- Sponsor 3-month rotation for SES CDP candidate

- Offer at least one more 1-month HQ rotation to Center applicant this year

Plans for 2007 (cont'd)

- Distribute incentives to first qualifying 1,000 employees completing Mayo HRA

- Evaluate Mayo Clinic contract after 1 year for potential of renewal

- Analyze aggregate data from completed Mayo HRAs to maximize program planning effectiveness

- Prepare workforce state-of-health report from aggregate findings

Plans for 2007 (cont'd)

- Present relevant data in appropriate senior forums

- Reduce OH-sponsored mtgs to once annually, continue changing geographic locations to spread out travel burden (Denver in 2007)

- Investigate alternative options for former ViTS series CEU opportunities

- Participate in HQ-wide telework drill to test IT capabilities as part of Pandemic Planning

- Participate in scheduled COOP drills

Plans for 2007 (cont'd)

- Implementation of NPD 1000.0
  - Establishes principals by which NASA strategically manages
  - Describes organizations, assigns roles and responsibilities, charters, committees, boards, etc.
  - Establishes 3 Governance Councils
    - *Strategic (SMC)*
    - *Operations (OMC)*
    - *Program (PMC)*
  - Defines Technical Authority

Plans for 2007 (cont'd)

- NID 1240-41: NASA Health and Medical Authority
  - Issued March 2006, establishing interim policy for CHMO as the Agency Health & Medical Technical Authority
  - Applicable at this point to OCHMO Space Flight requirements NOT to research or occupational health requirements
  - Health & Medical Authority is currently only established at JSC

- Finalize NASA Governance Structure outlined in NPD 1000.0

Plans for 2007 (cont'd)

NASA Governance & Technical Authority

- Technical Authorities are the "official voices" of their functional areas; they are the Agency's subject matter experts and monitors who set, modify, oversee, and ensure conformance to technical requirements

- Technical Authorities are independent of programs and projects organizationally and financially

Plans for 2007 (cont'd)

Travel Medicine

- Eliminate foreign travel medical clearance certification requirement as part of Travel Manager
  - Prepare reclama for proposed $.5M reduction in CMO budgets for travel medicine services
  - Revise NPD 1810 accordingly
  - Good news: senior leadership denied more serious attempt to cut all preventive health services from CMO budgets

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Questions?